

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows. Insertions are shown underlined while deletions are ~~struck through~~.

1 (original): A nozzle information retrieval system comprising a server unit having a database for retrieving nozzle information and a client unit accessible to the server unit through a communication network,

characterized by a configuration in which the nozzle specification information is registered with the corresponding nozzle model number information in the database, and the nozzle information is input from the display screen of the client unit and transmitted to the server unit, so that the server unit searches the database for and extracts the nozzle model number information corresponding to the input nozzle specification information, the extracted nozzle model number information is sent back to the client unit and the retrieved nozzle model number information is displayed on the display screen of the client unit.

2 (original): A server unit making up the nozzle information retrieval system according to claim 1, characterized by comprising:

a database in which the nozzle specification information is registered with the corresponding nozzle model number information;

a database retrieval unit for retrieving the nozzle model number information registered in the database based on the nozzle specification information transmitted from the client unit; and

a model number data processor for transmitting the retrieved nozzle model number information to the client unit.

3 (original): A server unit according to claim 2, characterized by a configuration in which catalog image data contained in the nozzle model number information transmitted to the client unit which corresponds to the nozzle model number information selected by the client unit is retrieved by the database retrieval unit, and the retrieved catalog image data is displayed on the client unit.

4 (currently amended) A server unit according to claim 2 ~~or 3~~, characterized in that a simulation program is stored to visually display the spray characteristic of the nozzle corresponding to the nozzle model number information on the display screen of the client unit.

5 (original) A server unit according to claim 4, characterized by a configuration in which the simulation program causes a virtual laboratory to be displayed on the display screen of the

client unit, the nozzle is mounted on a measuring instrument or a tester selected on the screen, and the test result is visually displayed.

6 (currently amended) A server unit according to claim 4 ~~or 5~~, characterized by a configuration in which the sound of fluid spray from the nozzle can be output according to the simulation program.

7 (currently amended) A server unit according to ~~any one of~~ claims 1 ~~to~~ 6, characterized in that in the case where the nozzle model number information corresponding to the nozzle specification information cannot be retrieved, a message indicating whether or not to place an order for a special type of nozzle is displayed on the display screen of the client unit.

8 (currently amended) A server unit according to ~~any one of~~ claims 4 ~~to~~ 7, characterized by a configuration in which a nozzle layout design program is stored in a manner ready to be downloaded, and based on the simulation result obtained according to the simulation program in the client unit, the nozzle layout design drawing can be automatically prepared using the nozzle layout design program.

9 (original) A server unit according to claim 8, characterized in that the nozzle layout design program is so configured that drawing data of the nozzle layout design drawing can be fetched into the CAD installed in the client unit.

10 (currently amended) A server unit according to claim 8 ~~or 9~~, characterized by a configuration in which a nozzle purchase specification file is stored in a manner ready to be downloaded, and the nozzle layout design drawing can be attached to the nozzle purchase specification on the display screen of the client unit.

11 (new) A server unit according to claim 3, characterized in that a simulation program is stored to visually display the spray characteristic of the nozzle corresponding to the nozzle model number information on the display screen of the client unit.

12 (new) A server unit according to claim 11, characterized by a configuration in which the simulation program causes a virtual laboratory to be displayed on the display screen of the client unit, the nozzle is mounted on a measuring instrument or a tester selected on the screen, and the test result is visually displayed.

13 (currently amended) A server unit according to claim 11, characterized by a configuration in which the sound of fluid spray from the nozzle can be output according to the simulation program.

14 (new) A server unit according to claim 5, characterized by a configuration in which a nozzle layout design program is stored in a manner ready to be downloaded, and based on the simulation result obtained according to the simulation program in the client unit, the nozzle layout design drawing can be automatically prepared using the nozzle layout design program.

15 (new) A server unit according to claim 6, characterized by a configuration in which a nozzle layout design program is stored in a manner ready to be downloaded, and based on the simulation result obtained according to the simulation program in the client unit, the nozzle layout design drawing can be automatically prepared using the nozzle layout design program.

16 (new) A server unit according to claim 9, characterized by a configuration in which a nozzle purchase specification file is stored in a manner ready to be downloaded, and the nozzle layout design drawing can be attached to the nozzle purchase specification on the display screen of the client unit.

17 (new) A server unit according to claim 14, characterized by a configuration in which a nozzle purchase specification file is stored in a manner ready to be downloaded, and the nozzle layout design drawing can be attached to the nozzle purchase specification on the display screen of the client unit.

18 (new) A server unit according to claim 15, characterized by a configuration in which a nozzle purchase specification file is stored in a manner ready to be downloaded, and the nozzle layout design drawing can be attached to the nozzle purchase specification on the display screen of the client unit.

19 (new): A nozzle information retrieval system comprising:

- a server unit connected to a database storing nozzle model number information corresponding to nozzle specification information; and

- a client unit accessible to the server unit through a communication network, said client unit provided with a display screen from which the nozzle specification information is inputted and transmitted to the server unit,

- wherein the server unit searches the database and extracts the nozzle model number information corresponding to the transmitted nozzle specification information, and the extracted nozzle model number information is sent back to the client unit and displayed on the display screen of the client unit,

Int'l Appl. No. : PCT/JP2002/009406
Int'l Filing Date : September 13, 2002

said server unit comprising a simulation program to display images of performance of a nozzle in use corresponding to the nozzle model number information on the display screen of the client unit,

said server unit allowing the client unit to download a nozzle layout design program, wherein a nozzle layout is designed on the display screen of the client unit based on a simulation result obtained from the simulation program.